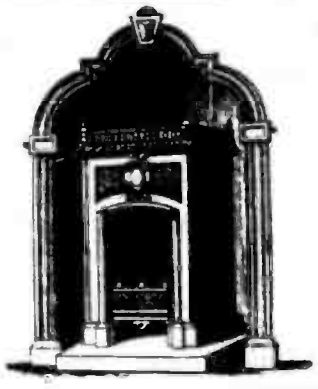


IMPORTANT IMPROVEMENTS IN WARMING AND VENTILATING

CHURCHES, CHAPELS, INFANT AND OTHER SCHOOLS, PUBLIC BUILDINGS AND PRIVATE DWELLINGS, &c. &c.

PIERCE'S NEWLY-INVENTED PATENT

PYRO-PNEUMATIC PURE WARM AIR SELF-ACTING AND VENTILATING STOVE GRATE.

PIERCE solicits an examination of his newly-invented method of WARMING AND VENTILATING, by means of his Patent Pyro-Pneumatic Stove Grate, which, from the

NOVELTY OF ITS PRINCIPLE, SIMPLICITY OF ITS ARRANGEMENTS, AND ELEGANCE OF DESIGN,

combined with its great ECONOMY IN USE, renders this grate suitable for any situation where a POWERFUL DEGREE OF WARMTH, and the CHEERFUL OPEN FIRE are desirable.

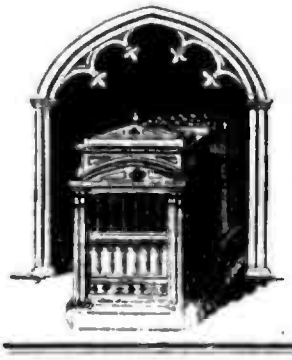
PIERCE having at length succeeded in producing that long-sought *desideratum*—a HEALTHFUL AND SALUBRIOUS atmosphere, such as is felt on a pleasant summer's day, which can, by means of this his Patent Pyro-Pneumatic Stove Grate, be enjoyed during the most dull and dreary of our winter months. The above invention is especially adapted for warming churches, infant and other schools, railway offices, entrance halls, banking houses, &c., &c., or any situation where warmth and purity of air are desirable.

IT MAY BE SEEN IN DAILY USE AT THE PATENTEE'S MANUFACTORY,
5, JERMYN-STREET, REGENT-STREET;

also warming the large MODEL ROOM at the SOCIETY OF ARTS, John-street, Adelphi (who have awarded their Honorary Medal to the inventor).

This newly-invented Stove-Grate has received the most favourable notices of the public press, for which see the *Literary Gazette*, *Public Ledger*, *Lady's Newspaper*, *Railway Chronicle*, *Weekly News*, all February 3 1849; *Standard*, *St. James's Chronicle*, February 8; *John Bull*, *Hemphill's Railway Journal*, February 10; *Observer*, February 11; *Morning Post*, February 13; *Morning Herald*, February 17; *Historic Times*, February 23; *The Builder*, March 3; *Mining Journal*, March 17; *British Army Despatch*, April 20. SCIENTIFIC PUBLICATIONS,—*Journal of Design*, *Magazine of Science*, *Journal of Public Health*, *Church of England Magazine*, *Art-Journal*, *Civil Engineer and Architect's Journal*, *The Artizan*, all for March; and the prospectus and testimonials to be obtained of the Patentee, at his

MANUFACTORY AND SHOW ROOMS, No. 5, JERMYN-STREET, REGENT-STREET.



FOR CHURCHES, CHAPELS, SCHOOL-ROOMS, WAREHOUSES, EXHIBITION-ROOMS, AND PRIVATE DWELLINGS.

MOTT'S PATENT STOVES,

After Twenty Years' Trial, still maintain their decided superiority. They give twice as much heat as any other stove, with a smaller consumption of fuel; they burn for eight or ten hours without replenishing; they do not generate offensive and dangerous gases; and they have, when lighted, a very

BRILLIANT AND CHEERFUL APPEARANCE FROM THEIR TRANSPARENT FRONTS.

By the addition of a Boiler and Hot-Water Pipes, they may be made to heat, at the same time, DISTANT APARTMENTS, CONSERVATORIES, &c. They are made in various sizes and patterns, and the PRICES have recently been GREATLY REDUCED. Two or three hundred references can be furnished on application: only a few can be mentioned here, viz.:—

St. Saviour's Church, Southwark.
Christ Church, Westminster.
Trinity Church, Brompton.
Old St. Pancras Church.
Christ Church, Hoxton.
St. Vedast's, Foster-lane.
Portman Chapel, Baker-street.
The Pantheon, Oxford-street.
National Debt Office, Old Jewry.
Picture Gallery, Knightsbridge (late Chinese Exhibition).
Religious Tract Society, St. Paul's Churchyard.
Mr. Parker, West Strand.
Mr. Gilbertson, Ludgate-hill.
Messrs. Perkins and Bacon, Fleet-street.
Messrs. Ridgway and Co., King William-street.
St. Pancras National Schools, &c. &c. &c.

MANUFACTURED AND SOLD BY

J. L. BENHAM AND SONS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

N.B. THE USUAL ALLOWANCE TO THE TRADE.

OLD-ESTABLISHED WHOLESALE IRONMONGERY WAREHOUSE, Kitchen-ranges, and Stove-grate Manufactory, 15, Oxford-street, Walworth.

JOHN GRICE most respectfully solicits the attention of Architects, Builders, and Carpenters, to his Stock of Black and Bright Stoves, Kitchen Ranges, &c. &c.

Black Ranges, from 6*l.* per lin. and upwards.
Bright ditto with Black and Bright Bars, 8*l.* 10*s.* and upwards.
Self-acting Kitchen Ranges, with Oven and Back Boiler:—
3 ft., 3*l.* 3*s.* 3 ft. 6 in., 3*l.* 15*s.*

Ellipsic Stoves, with double backs, 3*d.* per in.

All articles made on the premises and warranted, and delivered free of expense within five miles of London. Bell-hanging in superior style, hung in secret, 4*s.* per pull.

TO BUILDERS, CARPENTERS, &c.—The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	3	3½	3 Inches.
Cast Butts	3*s.* 3*d.*	7*s.* 6*d.*	11*s.* per 6 dozens.
Cut Clasp	5*d.* 7*d.*	1*s.* 3*d.*	1*s.* 6*d.* per
	4*d.* 6*d.*	10*d.*	2*s.* 3*d.* 1,000.
Nos.	1 4	5	6
Patent Line	6*s.* 6*d.* 1*s.* 3*d.*	2*s.* 10*d.*	3*s.* per gross
	2 9	3 3	3 Inches.
Rain Pipe	11*d.*	1*s.* 1*d.*	1*s.* 3*d.* per yard.

TO BUILDERS and CARPENTERS.—Ellipsic Stoves, double backs, 3*d.* per inch. Registers, 4½*d.* 7*d.*, 9*d.* per inch.

Cottage Ranges, with Ovens and Boilers, 3 ft. 2 in. 40*s.*; 3 ft. 4 in. 42*s.*; 3 ft. 6 in., 44*s.*

Self-acting Ranges, with Circular Oven and Back Boiler, best Wrought Bars and Bright Fittings,
3 ft., 4*l.* 15*s.* 3 ft. 6, 4*l.* 17*s.* 4 ft., 4*l.* 18*s.*

Best Patent Cut Clasp.

4½	5	7*d.*	9*d.*	1*s.* 3*d.*	1*s.* 6*d.* per 1,000
5½	6*d.*	8*d.*	9*d.*	1*s.* 0*d.*	1*s.* 9*d.*

Best Sheet Fibre Brads, 12*s.* 6*d.* per cwt.
Best Town Glue 20*s.* Do. Scotch, 32*s.* per cwt.

Best Patent Sash Line.

4*s.* 5*d.*	5*s.*	6*s.* 5*d.*	7*s.* 6*d.*	10*s.*	12*s.* per gross
1	2	3	4	5	6

At F. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 25, Chiswell-street, Finsbury-square.

Lists of Prices had on application at the Warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

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HAYWARD, BROTHERS, late R. HENLY and Co., WHOLESALE IRONMONGERS, and Manufacturers of KITCHEN RANGES, STOVES, &c., 198, Blackfriars-rd. and 117, Union street, Borough.

Strong Self-acting Kitchen Ranges, with Back Boiler and Oven and Wrought Bars:—

3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.
3*l.*	3*l.* 10*s.*	4*l.* 1*s.*	4*l.*	4*l.* 10*s.*

Henly's Patent Improved, with back Boiler and Wrought Iron Oven:—3 ft. 3 in. 3 ft. 6 in. 3 ft. 9 in. 4 ft.
4*l.* 15*s.* 5*l.* 5*l.* 10*s.* 6*l.*

Best Kitchener Stoves, at 7*d.*, 9*d.*, and 10*d.* per inch.
Do. Ellipsic do., at 3*d.*, and 4*d.* do.

Manufacturer of WOLFANTSEN'S PATENT REGISTER STOVES, a certain cure for SMOKY CHIMNEYS, and effecting a great saving in fuel. To be seen in use daily.

Orders from the Country, accompanied with a remittance or reference, will meet with prompt attention.

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BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Rangers, &c., always in stock.

IRON FOUNDRY,
69, DRURY-LANE, and CHARLES-STREET, DRURY-LANE
JOSEPH GLOVER,

Solicits the attention of the Trade to his extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, consisting of Beams for every purpose, either structural or ornamental, Wheel Pinion and Steam-Engine Patterns; Range Stove and Hot Plate Metal.

A stock of Rain-Water Pipes, Plain and O G Guttering, Air Bricks, Sash Weights, &c. &c.

A very superior description of Sand Door, particularly suitable for interior work, being perfectly secure, and not unsightly.

ESTIMATES given for IRON ROOFING and every description of Iron Work, complete to span Section, and the work executed with every attention to quality and dispatch.

GLOVER'S FOUNDRY,
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PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. FOX and BARRETT, 4*l.*, Leicester-square.

IRON SHUTTERS.—The PATENT CONVEX REVOLVING IRON SHUTTERS are cheaper, twelve times stronger, work easier, cannot run down, and roll up in one-third less room than any other shutters made. Harcourt Quincey, Patentee.

CLARK and Co., Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC SASH BARS, ANTA-GALS, MOULDINGS, STALL-BOARD PLATES, &c., in brass, copper, and zinc. Gas Fittings, Chandeliers, and Internal Brass Fittings for Shops of every description. WROUGHT-IRON GIRDERS, HOT-WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them in use will be forwarded free on application to CLARK and Co., Engineers, 378, Wapping, London, or to Mr. G. BRIGSTOCK, 17, George-street, Edinburgh, Agent for Scotland.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 68, REGENT-STREET and 21, CHANCERY-LANE. Patent sealed on the 4th day of February, 1845, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Raising and Lowering Shutters, without Machinery, and Two for Hinging and Sheathing the Edges of Wood Laths with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use; which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of cog-wheel worm and screw gear, or any other complicated machinery employed by other makers.

BUNNETT and Co., ENGINEERS,
Patentees of
REVOLVING IRON AND WOOD SAFETY SHUTTERS,
and of
ORNAMENTAL METALLIC SASH BARS, MOULDINGS, &c.,
IN BRASS, COPPER, ZINC, &c.
FOR SHOP-FRONTS, SKYLIGHTS, &c.

Shop-fronts completely fitted and fixed in a superior style, either plain or ornamental, also glazed with best plate glass. Strong moulded stallboards handsomely engraved. Metal works and machinery of all kinds in connection with banking-houses, shops, warehouses, &c. &c.

B. and Co. challenge competition as to either quality or price. Designs furnished and estimates given.

IMPROVED PATENT BENCH AND FLOORING CRAMPS FOR BUILDERS.
SOLE LICENCEES FOR MARVIN and MOORE'S PATENT DIAGONAL GRATINGS.

Office of the Patentees, 28, Lombard-street, London; and at the Works, Deptford, Kent.

THE GALVANIZED IRON COMPANY,
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Call the particular attention of Architects, Builders, and others, to their patent process of galvanizing, or coating iron with PURE ZINC, which, from its action being chemically true, effectually and PERMANENTLY prevents RUST. The process is applicable to all sorts of iron work (whether cast or wrought) in use for building purposes—such as ROOFS, gutters, girders, floors, WATER or GAS PIPES, railings, window sashes and guards, blinds, skylight frames, chimney cowls, cisterns, screws, nails, locks, keys, chains, wire guards, &c. &c. &c. The Company undertake to supply GALVANIZED IRON, or to GALVANIZE any description of iron work, in any quantity required.—Particulars and prices at the Offices of the Company, 3, Mansion house-place. London Galvanizing Works, Millwall, Poplar.

S. VINCENT, Secretary.

N.B. This Company's patent process is applied to the roofs of the New Houses of Parliament, the sheds in the dockyards at Woolwich, Portsmouth, and Devonport, the Waterloo Station belonging to the London and North Western Railway Company at Liverpool, and numerous other railway stations, &c., &c., with the most perfect success.

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SOUTHWARK.
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PATENTEE,

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MANUFACTURER OF IRON ROOFS AND BUILDINGS,
Chiefly of
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This material has been employed by J. H. PORTER for several years past in the construction of Iron Roofing for RAILWAY STATIONS and DOCKYARDS, at home and abroad; FARM BUILDINGS, FACTORIES, GASWORKS, WAREHOUSES, &c.; SUGAR-HOUSES, MELADA and COFFEE-HOUSES, STORES, DWELLINGS, and MARKET-PLACES, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; Iron-bar and Strained-wire Fences, Sheep and Cattle Hurdles.

GREY GOOSE FEATHERS, 1*s.* PER POUND.

BED FEATHERS were never so cheap as at present. HEAL and SON'S present prices are:—

	s.	*d.*		*s.*	*d.*
Poultry	0	8	Best Grey Goose	1	10
Grey Goose	1	0	White ditto	2	2
Foreign ditto	0	6	Best Dantzic ditto	3	0

Purified by steam, and warranted sweet and free from dust.

HEAL and SON'S List of Bedding, containing full particulars of weight, sizes, and prices, sent free by post, on application to their Factory, 196, Tottenham-court-road, London.

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PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron, HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

BENJ. FOWLER (late of 63, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND PLUMBERS

THE attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard the cumbrous carriage and expensive aliases and guides are unnecessary, rendering the price considerably less than pumps made on the old plan.

Beer and Water Engines for raising fluids from a depth not exceeding 28 feet; also, Garden Engines constructed on the same principle.

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Gun-metal Steam Cocks, Safety Valves, and Boiler or draw-off Cocks of all descriptions.

TO PLUMBERS, BUILDERS, AND ENGINEERS.
CHEAPEST HOUSE IN LONDON for every description of best Town made Brass and Copper Work.

PAN CLOSETS complete, with WHITE BASIN, 2*s.*—3-inch Lift Pumps, 6*s.*; 3½ in., 7*s.*; 3½ in. 8*s.* 6*d.* Cocks: 4 in., 1*s.* 6*d.*; 3-8th in., 2*s.*; 4 in., 2*s.* 6*d.*—Copper Pipes, per foot: 1 in., 10*d.*; 1¼ in., 1*s.*; 1½ in., 1*s.* 2*d.*; 2 in., 1*s.* 6*d.*

Gun Metal Steam Cocks, Safety Valves, Steam and Water Indicators, &c., equally low at A. McGLASHAN'S, 14, Long-acre, and Hart-street, Covent Garden.

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(A most successful combination of the above principle with other patented improvements).

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